

Table 2G-2. Rotational Position Check

Source: _____ Date: _____

Test Location: _____ Tester(s): _____

Probe Type: _____ Affiliation: _____

Probe ID: _____ Fully-Assembled Probe Length in mm (in.): _____

Position	Angle Comparisons		
	<u>1st Device</u>	<u>2nd Device</u>	<u>R_{ADO}</u>
Distance of 2 nd measurement device from probe head impact port in mm (in.)	Angle measured by device aligned on the reference scribe line, including algebraic sign (degrees)	Angle measured by device mounted at each position to be used during testing, including algebraic sign (degrees)	Difference between readings by 1 st and 2 nd angle-measuring devices (degrees) ^a
(Col. A)	(Col. B)	(Col. C)	(Col. C - Col. B)

^a The algebraic sign must be consistent with section 8.3.2.

Specifications: For the pre-test rotational position check, the value of R_{ADO} at each location along the probe shaft must be determined to within $\pm 1^\circ$. In the post-test check, R_{ADO} at each location must remain within $\pm 2^\circ$ of the value obtained in the pre-test check.

Table 2G-3. Example EPA Method 2G Field Data Form

Source: _____ Date: _____
 Source Location: _____ Test Personnel: _____
 Measurement Location: _____ Probe Type: _____

Run ID:		Stack Diameter:	
Start Time:		Stack Area:	
End Time:		Barometric Pressure (P_{ba}):	in. Hg
Pitot Tube ID:		Static Pressure (P_s):	in. H ₂ O
Pitot Tube Coefficient (C_p):		R_{SLO}	
Pressure Gauge ID:		R_{ADO}	
Pressure Gauge Readability:	in. H ₂ O		Pre-test Post-test
Temperature Gauge ID:		Pitot Tube Condition: Damage Noted?	
Measurement System Response Time	sec.	Leak Check Performed?	

Clock Time	Traverse Point	Yaw Angle, including algebraic sign (degrees)	Differential Pressure (ΔP)	Stack or Duct Gas Temperature ($^{\circ}$ F)